



## **VT-KBD1** **Xpress Keyboard**



- 3-Axis 64 Step Variable-Speed Joystick
- Auto Focus with Manual Override
- Large 1 1/2" x 5 3/16" LCD display
- Control up to 256 Devices including Xpress Domes and VITEK Saga Series Digital Video Recorders
- Digital Flip to follow objects (Enable/Disable)
- 3 X 6 Programmable function keys
- Recall 8 Pre-Programmed tours
- Recall up to 248 Preset Positions
- Built-in RS-485/422 half-duplex mode supports up to 64 devices. Simplex mode supports up to 256 devices.
- Real-time Clock



## CONTENT VERIFICATION

Prior to installation of the Xpress Series Dome camera, please verify that the packaging contains the following contents:

1. One Xpress Keyboard.
2. One Data Junction Box.
3. This Instruction Manual.
4. Two data cables.
5. One AC Adaptor.
6. One Power Cable.

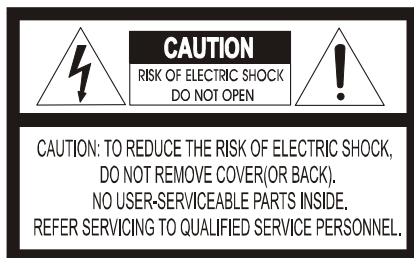
If any of the contents are missing, please contact the Vitek Customer Help Desk immediately.

## RISK OF ELECTRIC SHOCK WARNING

### WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. DO NOT INSERT ANY METALLIC OBJECTS THROUGH THE VENTILATION GRILLS OR OTHER OPENINGS ON THE EQUIPMENT.

### CAUTION



### EXPLANATION OF GRAPHICAL SYMBOLS



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the product.

## DISCLAIMER

- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions.
- Vitek Industrial Video Products, Inc. reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.
- No part of this guide may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without prior written permission of Vitek Industrial Video Products, Inc.
- Vitek makes no warranties for damages resulting from corrupted or lost data due to a mistaken operation or malfunction of the Xpress Domes, the software, keyboard joystick controller, personal computers, peripheral devices, or unapproved/unsupported devices.

### Trademark Acknowledgements

- Xpress Keyboard is a trademark of Vitek Industrial Video Products, Inc.
- Other names and products not mentioned above may be registered trademarks or trademarks of their respective companies.

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## FCC NOTICE

Xpress Keyboard, VT-KBD1

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions;

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. These equipments generate, use and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by on or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experience radio/TV technician for help.

Do not make any changes or modifications to the equipments unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipments.

### **Vitek Industrial Video Products, Inc.**

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### **Canadian Radio Interference Regulations**

This is a Class A apparatus complies with Canadian ICES-003.

Cet Appareil numérique de la Classe A conforme à la norme NMB-003 du Canada.

## **READ THIS FIRST**

### **Test Sessions**

Before you try to record important subjects, we highly recommend that you make several test sessions to ensure that the Xpress Keyboard is operating and being operated correctly. Please note that Vitek Industrial Video Products, Inc., its subsidiaries and affiliates, and its distributors are not liable for any consequential damages arising from any malfunction of the Xpress keyboard or its accessories.

### **The Privacy act of 1974 (5 U.S.C. § 552a)**

Please note that the Xpress keyboard is intended for surveillance use and should never be used in a manner that invades other people's privacy or contravenes international or domestic privacy act and its regulations. Please be advised that in certain cases the monitoring of individuals, private properties, or commercial properties may contravene legal rights of such individuals even if the images were recorded for personal use.

### **Warranty Limitations**

This equipment's warranty is only effective in the country of sale. If a problem arises while the Xpress Keyboard is in use abroad, please convey it back to the country of sale before proceeding with a warranty claim to Vitek customer help desk.

## SAFETY PRECAUTIONS

- Before using the Xpress Keyboard, please ensure that you read and understand the safety precautions described below. Always ensure that the Xpress Keyboard is operated correctly.
- The safety precautions noted on the following pages are intended to instruct you in the safe and correct operation of the Xpress Keyboard and its accessories to prevent injuries or damage to the self, other persons and equipment.
- In this Instruction Manual, the term “Keyboard”, “Joystick”, “equipment” and “device” refers primarily to the Xpress Keyboard and its accessories such as power supply, data junction box and cables.

## WARNING

- Do not attempt to disassemble or alter any part of the equipment that is not expressly described in this guide. Disassembly or alteration may result in high voltage electrical shock. Internal inspections, alterations and repairs should be conducted by qualified service personnel authorized by the equipment distributor or Vitek customer help desk.
- Stop operating the equipment immediately if it emits smoke or noxious fumes. Failure to do so may result in fire or electrical shock. Immediately remove the power cable from the power outlet. Confirm that smoke and fume emissions have ceased. Please consult the Xpress Keyboard distributor or the closest Vitek customer help desk.
- Stop operating the equipment if a heavy object is dropped or the casing is damaged. Do not strike or shake. Failure to do so may result in fire or electrical shock. Immediately unplug the power cord from the power outlet. Please consult the Xpress Keyboard distributor or the closest Vitek customer help desk.
- Do not allow the equipment come into contact with, or become immersed in, water or other liquids. Do not allow liquids to enter the interior. The Xpress Keyboard has not been waterproofed. If the exterior comes into contact with liquids or salt air, wipe it dry with a soft, absorbent cloth. In the event that the water or other foreign substances enter the interior, immediately unplug the power cord from the power outlet. Continued use of the equipment may result in fire or electrical shock. Please consult the Xpress Keyboard distributor or the closest Vitek customer help desk.
- Do not use substances containing alcohol, benzene, thinners or other flammable substances to clean or maintain the equipment. The use of these substances may lead to fire. Use a dry cloth on a regular periodic basis and wipe away the dust and dirt that collects on the device. In dusty, humid or greasy environments, the dust that collects around the ventilation or the slots on the outer casing over long periods of time may become saturated with humidity and short-circuit, leading to fire.
- Do not cut, damage, alter or place heavy items on the power cord. Any of these actions may cause an electrical short circuit, which may lead to fire or electrical shock.



- Do not handle the device or power cord if the hands are wet. Handling it with wet hands may lead to electrical shock. When unplugging the cord, ensure that you hold the solid portion of the plug. Pulling on the flexible portion of the cord may damage or expose the wire and insulation, creating the potential for fires or electrical shocks.
- Use only the recommended power accessories. Use of power sources not expressly recommended for this equipment may lead to overheating, distortion of the equipment, fire, electrical shock or other hazards.
- The supplied AC power adaptor and power cable are designed for exclusive use with the Xpress Keyboard. Do not use it with other products or battery. There is a risk of fire and other hazards.

**CAUTION**

- Avoid using, placing or storing the equipment in places subject to strong sunlight or high temperatures, such as the greenhouse or trunk of a car. Exposure to intense sunlight and heat may cause the battery to leak, overheat or explode, resulting in fire, burns or other injuries. High temperatures may also cause deformation of the casing. Ensure that there is good ventilation when using the equipment.
- Do not store the equipment in humid or dusty areas. Storage in such areas could lead to fire, electrical shock or other damage.
- Do not operate the Xpress Keyboard beyond its specified temperature, humidity or power source ratings. Do not use the Xpress Keyboard in an extreme environment such as in high temperature or high humidity. Use the device at temperatures within 41°F - 104°F and humidity below 90 %. The normal operating power source for this device is 12VDC 3 amps.

**PREVENTING MALFUNCTION**

- Avoid strong magnetic fields. Never place the Xpress Keyboard in close proximity to electric motors or other equipment generating strong electromagnetic fields. Exposures to strong magnetic fields may cause malfunctions or corrupt image data.
- Avoid condensation related problems. Moving the equipment rapidly between hot and cold temperatures may cause condensation (water droplets) to form on its external and internal surfaces. You can avoid this by placing the equipment in an airtight, re-sealable plastic bag and letting it adjust to temperature changes slowly before removing it from the bag.
- If condensation forms inside the Xpress Keyboard, stop using the equipment immediately if you detect condensation. Continued use may damage the equipment. Remove the power cord from the power outlet and wait until the moisture evaporates completely before resuming use.

# I. INTRODUCTION

## FEATURES

The Xpress Keyboard is designed to control up to 64 Xpress Dome cameras in duplex control mode, and up to 255 Xpress Dome cameras in simplex control mode. Rollover function buttons allow controlling a variety of external switching devices such as a SAGA series digital video recorder.

### Joystick

- ✚ The joystick controls a camera's pan, tilt and zoom movements. The pan and tilt speed's movement speed varies from 0.1° per second to 90° per second, for a total of 65 speed steps. With the TURBO function enabled, the maximum speed is 360° per second.

### Functions

- ✚ Store and recall up to 248 **Preset**, reflecting own view settings, such as zoom, focus, iris and so on.
- ✚ Store and recall up to 4 **Patterns** which comprise of a sequential series of pan, tilt, zoom and focus movements.
- ✚ Store and recall up to 16 **Scans** with smooth **Vector Scan**.
- ✚ Store and recall up to 8 tours, each consisting 64 functions including **Preset**, **Pattern**, **Scan** and other **Tours**.
- ✚ **Global Preset** recalls the **Preset** of all Xpress Dome cameras.
- ✚ Manual override for focus, iris, and day/night function.
- ✚ Manual override will be reverted back to automatic mode with a slight movement of the joystick.

### System

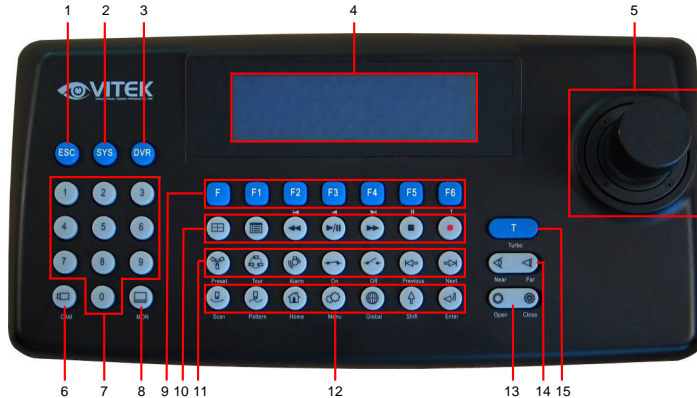
- ✚ Two levels of passwords: administrator and user.
- ✚ One master and up to seven additional slave Xpress Keyboards.
- ✚ Digital Video Recorder control, up to 99 units.

### Convenience

- ✚ One Xpress Dome camera settings can be downloaded and saved to transfer settings to another.

## II. XPRESS KEYBOARD CONTROLLER LAYOUT

### 1.1 TOP LAYOUT



**1. ESCAPE**

Exits from a menu and cancel any changes made.

**2. SYSTEM**

Select the PTZ camera control mode.

**3. DVR**

Select the DVR control mode.

**4. LCD DISPLAY**

Displays information regarding the functions, modes, and menu.

**5. JOYSTICK**

Controls the PTZ camera or navigate through menus.

**6. CAMERA**

Selects a PTZ camera when used in combination with numeric buttons.

**7. NUMERIC BUTTONS**

Selects numeric values of various functions, such as selecting a camera, DVR, Preset, Pattern, Scan and Tour.








## 8. MONITOR

Displays a single DVR channel in full screen mode when used in combination with numeric buttons.

## 9. FUNCTION BUTTONS

Function buttons provide access to multiple key features of the PTZ camera or DVR.



## 10. DVR CONTROLS

	<i>Toggle between different multichannel display modes of the DVR</i>
	<i>Access the DVR menu screen</i>
	<i>Rewind</i>
	<i>Play / Pause</i>
	<i>Fast Forward</i>
	<i>Stop</i>
	<i>Record</i>

## 11. PTZ CONTROLS ROW 2

 <i>Number +</i> 	<i>Access the Preset menu Recall Presets</i>
 <i>Number +</i> 	<i>Access the Four menu Recall Tours</i>
	<i>Deactivated any alarms</i>
	<i>Activate Relay Output</i>
	<i>Deactivate Relay Output</i>
	<i>Select previous PTZ camera</i>
	<i>Select next PTZ camera</i>

## 12. PTZ CONTROLS ROW 2

	<i>Access the Scan menu Recall Scans</i>
	<i>Access the Pattern menu Recall Patterns</i>
	<i>Activate Home Function</i>
	<i>Enter the PTZ menu Enter the Keyboard menu</i>
	<i>Control all PTZ cameras functions simultaneously</i>
	<i>Activate the secondary functions for various buttons</i>
	<i>Executes highlighted functions.</i>

## 13. MANUAL IRIS CONTROL

Manually adjust the iris of the PTZ camera.

## 14. MANUAL FOCUS CONTROL

Manually adjust the focus of the PTZ camera.

## 15. TURBO

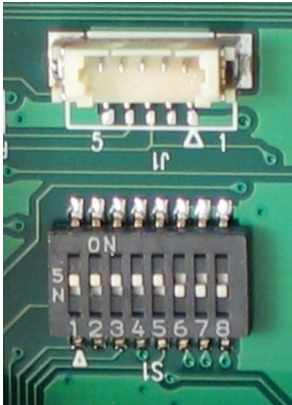
Toggle between Turbo movement and normal movement speed.

## 1.2 REAR LAYOUT



### 1.3 DIP SWITCHES

The Dip switches are located at the bottom of the Xpress Keyboard.



J1 Connector

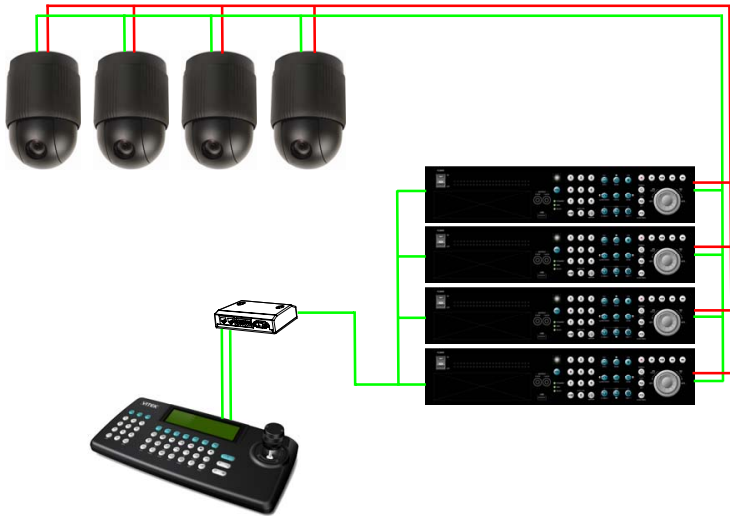
Reserved

S1 Dip Switches

1. Data Port 1 Termination
2. Reserved
3. Data Port 2 Termination
4. DVR Port Termination
5. Slave Port Termination
6. Reserved
7. Reserved
8. Slave On / Off

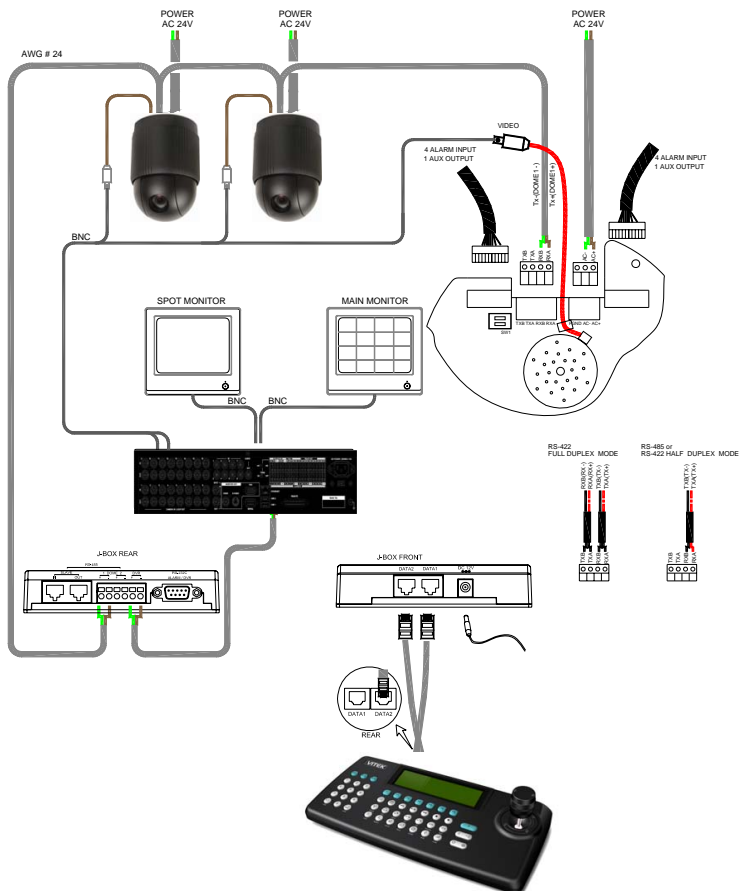
## II. SYSTEM CONFIGURATION AND CONNECTION

### 2.1 BASIC INSTALLATION DIAGRAM

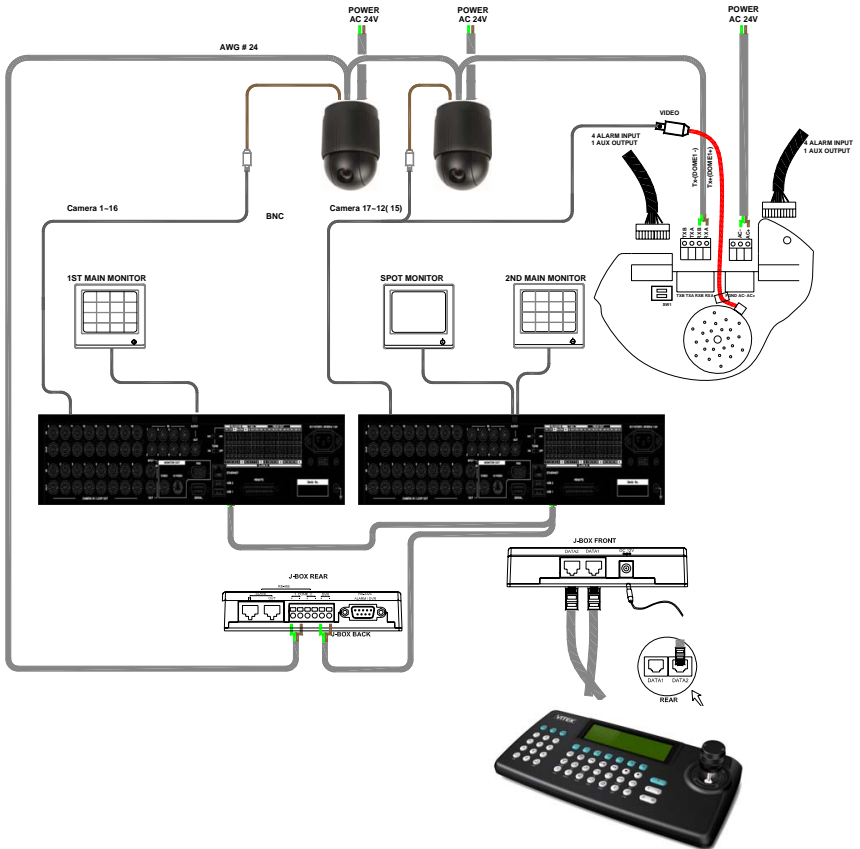




## 2.2 SINGLE DVR CONFIGURATION

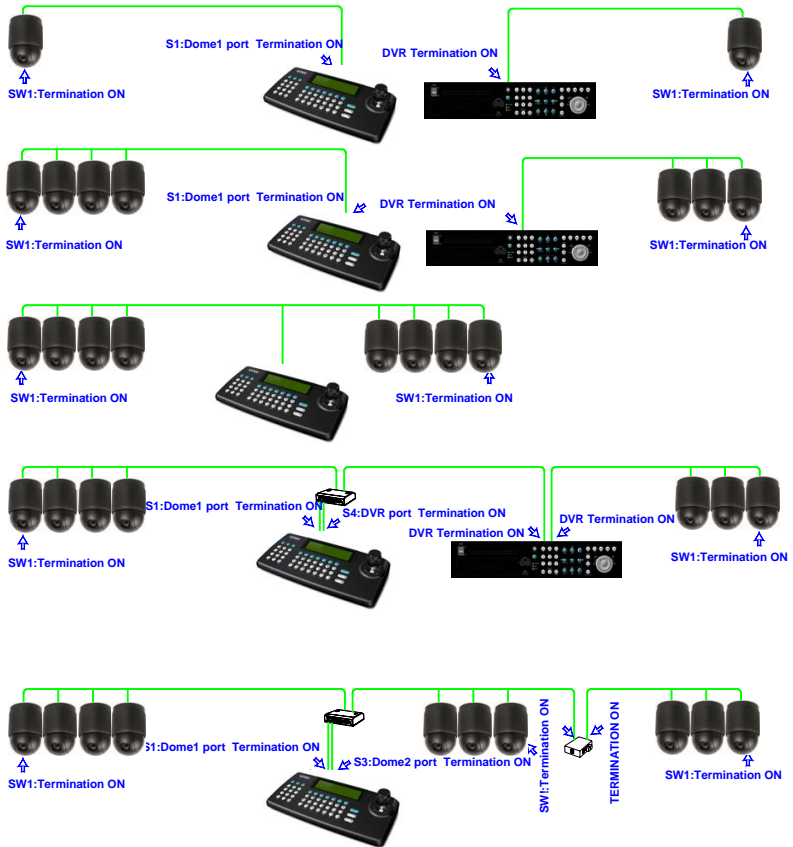


## 2.3 SINGLE XPRESS KEYBOARD WITH TWO DVR CONFIGURATION





## 2.5 TERMINATION AND DIP SWITCH SETTINGS



### III. OPERATION

#### 3.1 FIRST TIME POWER ON

When the Xpress Keyboard is powered on for the first time, the password prompt will appear.



```
XPRESS KEYBOARD V1.10
Password:_
```

Please enter the password for the proper user level. The default passwords are:

- Administrator: 9999
- User: 1111



```
XPRESS KEYBOARD V1.10
Password:****_
```

The LCD screen will display the Log On confirmation accordingly.

- Admin Log On.



```
XPRESS KEYBOARD V1.10
ADMIN LOG ON
```

- User Log On.



```
XPRESS KEYBOARD V1.10
USER LOG ON
```



## 3.2 CAMERA CONTROL

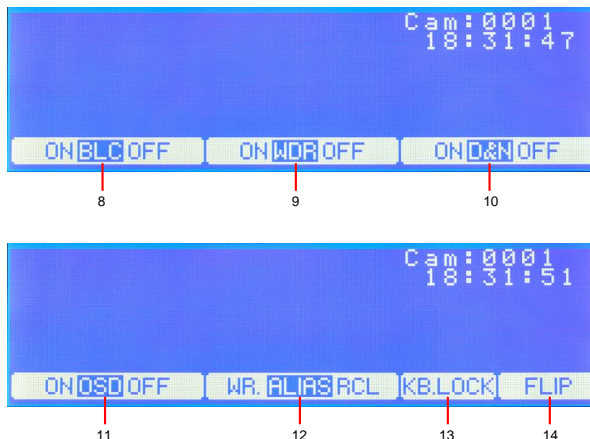
Button or Joystick movement in Menu	Function
LEFT OR RIGHT	1. Go into submenus 2. Execute a command 3. Change Values 4. Navigate through menu items
UP OR DOWN	Navigate through menu items
DOWN	Complete Title editing
TWIST LEFT OR RIGHT	1. Change Value 2. Enter Title Edit mode
SHIFT + JOYSTICK MOVEMENT	Turbo Speed Movement
ESC	Exit without making changes
HOME OR OFF BUTTON	Delete Value or Name of a Field.

## 3.3 MAIN LCD SCREEN

### 3.3.1 PTZ MODE

Press the SYS button to control cameras.





# 1. CAMERA SELECTION

Displays the current camera being controlled.

# 2. TIME

Displays the current time.

*Functions 3 through 14 are toggled by pressing the F button.*

# 3. WRITE PRESET

Select a camera view position then press this button to save as a preset.

# 4. AUTOMATIC FOCUS

Enable / disable automatic focus.

# 5. AUTOMATIC IRIS

Enable / disable automatic iris control.

# 6. DIGITAL ZOOM ON / OFF

Enable / disable digital zoom.

# 7. AUTOMATIC IRIS

Enable / disable automatic iris control.

# 8. AUTOMATIC PAN

Enable / disable automatic pan.



### 9. BACK LIGHT COMPENSATION ON / OFF

Enable / disable back light compensation.

### 10. WIDE DYNAMIC RANGE ON / OFF

Enable / disable wide dynamic range.

### 11. ON SCREEN DISPLAY ON / OFF

Enable / disable On Screen Display.

### 12. WRITE / RECALL ALIAS PRESET

Write and recall alias presets.

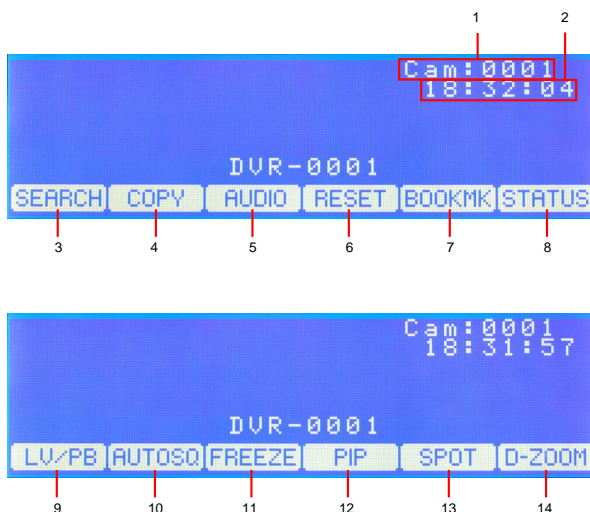
### 13. KEYBOARD LOCK

Lock / unlock the Xpress Keyboard.

### 14. FLIP

Flip the view of the camera to the opposite direction by 180 degrees.

## 3.3.2 DVR MODE (SAGA SERIES DVRS)





### 1. CAMERA SELECTION

Displays the current camera being controlled.

### 2. TIME

Displays the current time.

*Functions 3 through 20 are toggled by pressing the F button.*

### 3. SEARCH

Enter search menu.

### 4. COPY

Enter copy menu.

### 5. AUDIO

Select the audio channel with a combination with a numerical button.

### 6. RESET

Reset the alarm notification.

### 7. BOOKMARK

Bookmark a desired section during playback.

### 8. STATUS

Display the status window.

### 9. LIVE / PLAYBACK

Toggle between live display mode and paused playback mode.

### 10. AUTOMATIC SEQUENCE

Activate the automatic sequencing of various display modes.

### 11. FREEZE

Digitally freeze a single channel or multiple channels.

### 12. PICTURE-IN-PICTURE

Activate picture-in-picture mode.

13. SPOT MONITOR

Activate spot monitor mode.

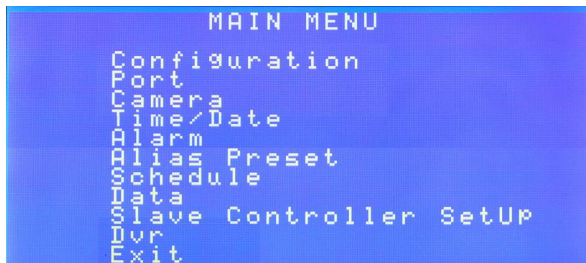
14. DIGITAL ZOOM

Activate digital zoom mode.

15~20. RESERVED

## IV. MENU

Press the SHIFT and the MENU button simultaneously to access the keyboard configuration menu screen. There are 11 categories:



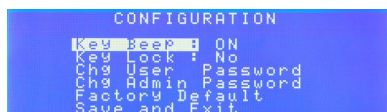
*\* The menu screen has been stacked to illustrate all options*

### 4.1 CONFIGURATION



Configuration menu sets some basic Xpress Keyboard settings

#### 4.1.1 KEY BEEP



Select the beeping response of the buttons when pressed on or off.

#### 4.1.2 KEY LOCK

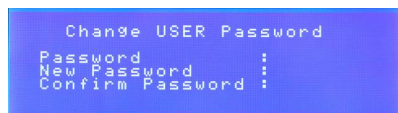


Select the automatic keyboard lock option on or off. The timer can be set up to 30 minutes after the last press of the button.

### 4.1.3 CHANGE USER PASSWORD



Move the joystick to the right to access the user password change screen.



Enter the current user password, and then the new password, and then confirm the new password. Up to eight digits can be entered for the password.

### 4.1.4 CHANGE ADMIN PASSWORD

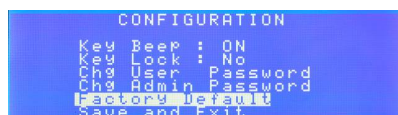


Move the joystick to the right to access the administrator password change screen.



Enter the current administrator password, and then the new password, and then confirm the new password. Up to eight digits can be entered for the password.

### 4.1.5 FACTORY DEFAULT



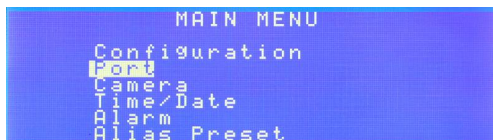
Revert back to the factory default.

### 4.1.6 SAVE AND EXIT



Save the settings and return to the main menu screen.

## 4.2 PORT

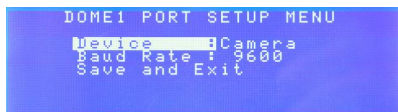


Port menu configures the different communication ports on the junction box.

### 4.2.1 DOME 1



Move the joystick to the right to access the DOME 1 port setup screen.



Select the device type of DOME 1 port.



Select the communication speed of DOME 1 port.



Save the settings and exit to the PORT menu.

### 4.2.2 DOME 2



Move the joystick to the right to access the DOME 2 port setup screen.

```

DOME2 PORT SETUP MENU
Device      :None
Baud Rate  : 9600
Save and Exit

```

Select the device type of DOME 2 port.

```

DOME2 PORT SETUP MENU
Device      :None
Baud Rate  : 9600
Save and Exit

```

Select the communication speed of DOME 1 port.

```

DOME2 PORT SETUP MENU
Device      :None
Baud Rate  : 9600
Save and Exit

```

Save the settings and exit to the PORT menu.

#### 4.2.3 SLAVE

```

PORT SETUP MENU
Dome1
Dome2
Slave
DUR
Alarm
Exit

```

Move the joystick to the right to access the SLAVE port setup screen.

```

Slave SETUP MENU
Device      :None
Baud Rate  : 9600
Save and Exit

```

Select the device type of SLAVE port.

```

Slave SETUP MENU
Device      :None
Baud Rate  : 9600
Save and Exit

```

Select the communication speed of SLAVE port.

```

Slave SETUP MENU
Device      :None
Baud Rate  : 9600
Save and Exit

```

Save the settings and exit to the PORT menu.

#### 4.2.4 DVR

```
PORT SETUP MENU
Dome1
Dome2
Slave
DVR
Alarm
Exit
```

Move the joystick to the right to access the DVR port setup screen.

```
DVR SETUP MENU
Device :DVR
Baud Rate : 9600
Save and Exit
```

Select the device type of DVR port.

```
DVR SETUP MENU
Device :DVR
Baud Rate : 9600
Save and Exit
```

Select the communication speed of DVR port.

```
DVR SETUP MENU
Device :DVR
Baud Rate : 9600
Save and Exit
```

Save the settings and exit to the PORT menu.

#### 4.2.5 ALARM

```
PORT SETUP MENU
Dome1
Dome2
Slave
DVR
Alarm
Exit
```

Move the joystick to the right to access the ALARM port setup screen.

```
ALARM SETUP MENU
Device :None
Baud Rate : 9600
Save and Exit
```

Select the device type of ALARM port.

```
ALARM SETUP MENU
Device :None
Baud Rate : 9600
Save and Exit
```

Select the communication speed of ALARM port.





Save the settings and exit to the PORT menu.

## 4.2.6 EXIT



Exit to the main menu screen.

## 4.3 CAMERA



Camera menu configures the cameras connected to the Xpress Keyboard.

### 4.3.1 DOME SCAN

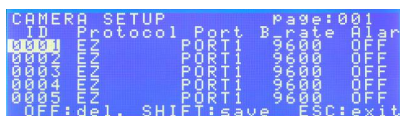


Dome scan automatically scans any Xpress Domes connected through the DOME ports on the junction box of the Xpress Keyboard.

### 4.3.2 CAMERA CONFIGURATION



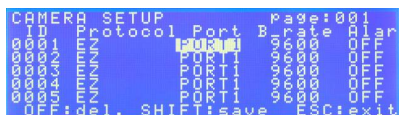
Move the joystick to the right to access the camera configuration screen.



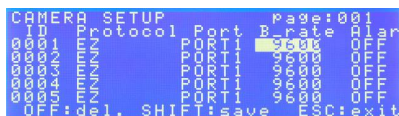
Select the ID of the PTZ camera.



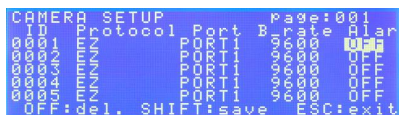
Select the protocol of the PTZ camera.



Select the Port connection of the PTZ camera.



Select the communication speed to the PTZ camera.



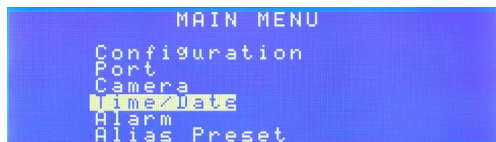
Select the option to receive alarm notifications from the PTZ camera.

### 4.3.3 EXIT



Exit to the main menu screen.

#### 4.4 TIME / DATE



Time / Date menu configures time and date related settings for the Xpress Keyboard.

#### 4.4.1 DISPLAY

```

TIME/DATE Setup
Display : ON
Date Format : Asia 2006/MAY/25
Time Format : 24 19:07:19
Day Light Saving : OFF
Save and Exit

```

Select Time / Date display on or off.

#### 4.4.2 DATE FORMAT

```

TIME/DATE Setup
Display : ON
Date Format : Asia 2006/JUN/13
Time Format : 24 02:51:19
Day Light Saving : OFF
Save and Exit

```

Select the date display format

#### 4.4.3 TIME FORMAT

```

TIME/DATE Setup
Display : ON
Date Format : Asia 2006/MAY/25
Time Format : 24 19:07:19
Day Light Saving : OFF
Save and Exit

```

Select the time display format.

#### 4.4.4 DAY LIGHT SAVING

```

TIME/DATE Setup
Display : ON
Date Format : Asia 2006/MAY/25
Time Format : 24 19:07:19
Day Light Saving : OFF
Save and Exit

```

Select day light saving time on or off.

#### 4.4.5 DAY LIGHT SAVING

```

TIME/DATE Setup
Display : ON
Date Format : Asia 2006/MAY/25
Time Format : 24 19:07:19
Day Light Saving : OFF
Save and Exit

```

Configure the day light starting date / time and the end date / time.

#### 4.4.6 SAVE AND EXIT

```

TIME/DATE Setup
Display : ON
Date Format : Asia 2006/MAY/25
Time Format : 24 19:07:47
Day Light Saving : OFF
Save and Exit

```

Save the changes and exit to the main menu.

## 4.5 ALARM

```

                MAIN MENU
      Configuration
      Port
      Camera
      Time/Date
      Alarm
      Alias Preset
  
```

### 4.5.1 ALARM BEEP

```

                ALARM MENU
      Alarm Beep : ON
      Alarm Dwell : OFF
      Alarm Action
      Alarm History
      Save and Exit
  
```

Select alarm beep on or off.

### 4.5.2 ALARM DWELL

```

                ALARM MENU
      Alarm Beep : ON
      Alarm Dwell : OFF
      Alarm Action
      Alarm History
      Save and Exit
  
```

Select the alarm extension on for the duration of programmed time, or off.

### 4.5.3 ALARM ACTION

```

                ALARM MENU
      Alarm Beep : ON
      Alarm Dwell : OFF
      Alarm Action
      Alarm History
      Save and Exit
  
```

Move the joystick to the right to access the alarm action configuration screen.

```

ALARM ACTION          page:001
DOME Alarm OUT Alias
---- - - - -
---- - - - -
---- - - - -
---- - - - -
ON:ins OFF:del SHIFT:save ESC
  
```

Select the PTZ dome to configure the alarm action. Up to 500 different configurations can be programmed.

```

ALARM ACTION          page:001
DOME Alarm OUT Alias
0001 12345678 --- ---
---- - - - -
---- - - - -
---- - - - -
ON:ins OFF:del SHIFT:save ESC
  
```

Select the alarm input which would trigger the alarm action.

```

ALARM ACTION                               Page:001
DOME  Alarm OUT Alias
0001 12345678
-----
-----
-----
ON:ins OFF:del SHIFT:save ESC

```

Select the alarm output up to 999 dry contacts.

```

ALARM ACTION                               Page:001
DOME  Alarm OUT Alias
0001 12345678
-----
-----
-----
ON:ins OFF:del SHIFT:save ESC

```

Select up to 999 alias presets to execute. Please see Alias Preset for more information.

When finished configuring alarm actions, press the SHIFT button to save the settings.

#### 4.5.4 ALARM HISTORY

```

      ALARM MENU
Alarm Beep : ON
Alarm Dwell : OFF
Alarm Action
Alarm History
Save and Exit

```

Move the joystick to the right to access the alarm history screen.

```

ALARM HISTORY                               Page:0001
CAM Alarm Date Time
-----
-----
-----
OFF:Clear history ESC:exit

```

Up to 5000 alarms will be listed, from the most recent to the oldest.

#### 4.5.5 SAVE AND EXIT

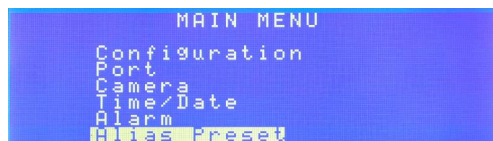
```

      ALARM MENU
Alarm Beep : ON
Alarm Dwell : OFF
Alarm Action
Alarm History
Save and Exit

```

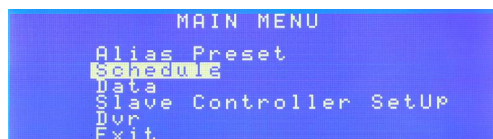
Save settings and exit to the main menu.

### 4.6 ALIAS PRESET



The alias presets that are programmed will be displayed in ALIAS PRESET screen. Move the joystick around to select the PTZ ID and then press the alarm button to view programmed position.

## 4.7 SCHEDULE



### 4.7.1 NIGHT SHOT



Move the joystick to the right to access the night shot configuration screen.



Select automatic night mode switching of the PTZ camera on or off.



Define the night mode starting time.



Define the night mode end time.



```

NIGHT SHOT SETUP
Night Shot :OFF
On Time :00:00
Off Time :00:00
Save and Exit

```

Save the settings and exit to the schedule configuration screen.

#### 4.7.2 EXIT

```

SCHEDULE SETUP
Night Shot
Exit

```

Exit to the main menu screen.

### 4.8 DATA

```

MAIN MENU
Alias Preset
Schedule
Data
Slave Controller Setup
Dvr
Exit

```

#### 4.8.1 DATA BANK

```

SELECT DATA BANK
Data Bank:  ID  Saved date
Exit

```

The settings of a PTZ camera can be downloaded and saved onto the keyboard, and then transferred to another PTZ camera at a later time if desired.

### 4.9 SLAVE CONTROLLER SETUP

```

MAIN MENU
Alias Preset
Schedule
Data
Slave Controller Setup
Dvr
Exit

```



#### 4.9.1 NUMBER OF CONTROLLERS

```

  SLAVE CONTROLLER SETUP
No. of Controller      : 00
Dome Holding Time     : 010 sec.
PTZ Control           : enable
Camera Menu Control   : enable
Save and Exit

```

Define the number of total Xpress Keyboards, including one master and up to seven slave units.

#### 4.9.2 DOME HOLDING TIME

```

  SLAVE CONTROLLER SETUP
No. of Controller      : 00
Dome Holding Time     : 010 sec.
PTZ Control           : enable
Camera Menu Control   : enable
Save and Exit

```

Define the master controller's PTZ control holding time, from 1 to 200 seconds, or infinite.

#### 4.9.3 DVR CONTROL

```

  SLAVE CONTROLLER SETUP
No. of Controller      : 00
Dome Holding Time     : 010 sec.
PTZ Control           : enable
Camera Menu Control   : enable
Save and Exit

```

Enable or disable DVR control from slave controllers.

#### 4.9.4 CAMERA MENU CONTROL

```

  SLAVE CONTROLLER SETUP
No. of Controller      : 00
Dome Holding Time     : 010 sec.
PTZ Control           : enable
Camera Menu Control   : enable
Save and Exit

```

Enable or disable PTZ camera's menu access from slave controllers.

#### 4.9.5 SAVE AND EXIT

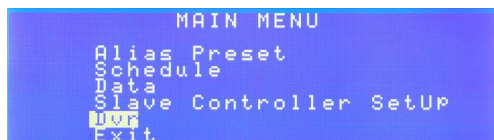
```

  SLAVE CONTROLLER SETUP
No. of Controller      : 00
Dome Holding Time     : 010 sec.
PTZ Control           : enable
Camera Menu Control   : enable
Save and Exit

```

Save the settings and exit to the main menu.

## 4.10 DVR



### 4.10.1 DVR MODEL



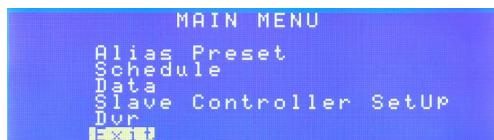
Select the DVR model.

### 4.10.2 SAVE AND EXIT



Save the changes and exit to the main menu.

## 4.11 EXIT



Exit to the main LCD screen.

## 4.12 CONFIGURATION – SLAVE MODE



Please see 4.1 CONFIGURATION.

## 4.13 NETWORKS – SLAVE MODE



### 4.13.1 SLAVE ID



Select the ID of the slave controller.

### 4.13.2 BAUD RATE



Select the communication speed of the slave controller.

### 4.13.3 SAVE AND EXIT



Save changes and exit to the main menu screen.

## 4.14 TIME / DATE – SLAVE MODE



Please see 4.4 TIME / DATE

## 4.15 EXIT – SLAVE MODE



Exit to the main LCD screen.









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